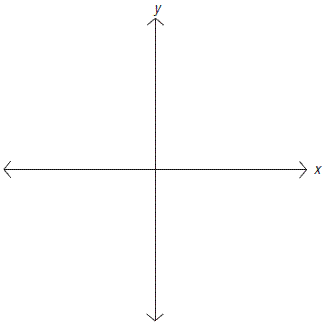
**NAME: DATE: PERIOD:**

**Distance-Time Graphs**

**Directions:** Use the data below to construct a distance-time graph. This graph should be a line graph that includes a title, a labeled x-axis with correct units, and a labeled y-axis with units. Once your distance-time graph is completed, solve the following calculations. (be sure to include units, show all work, and round the nearest tenth when needed).

A student hops on one foot for 20 meters and receives these times. Graph the following data.

|  |  |
| --- | --- |
| DISTANCE(m) | TIME(s) |
| 0 | 0 |
| 6 | 5 |
| 12 | 10 |
| 18 | 15 |
| 26 | 20 |

****

**Complete the following calculations.**

1. How fast is the student hopping during the first 15 seconds?
2. What is the speed of the student between 5 seconds and 10 seconds?
3. What is the speed of the student between 5 seconds and 20 seconds?
4. What is the average speed of the student hopping for the entire 20 meters?